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Corrigendum to "Volatile organic compound fluxes over a winter wheat field by PTR-Qi-TOF-MS and eddy covariance" published in Atmos. Chem. Phys., 22, 2817–2842, 2022

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This corrigendum consists of six corrections to mistakes that occurred during submission and proofing. None of these corrections alter the overall results and conclusions of the paper. In the case of correction (1), the correct m/z and formula are given throughout the text, and the problem is restricted to the correct attribution of a name to a compound formula. Corrections (2)–(6) are of typos, but the majority of the text and all tables have the correct name or formula.

1. During proofing, we unfortunately made a mistake in attributing the name "furan" throughout the paper to the compound with the ion-mass-to-charge ratio m/z 93.033 and the formula $C_6H_4O{\cdot}H^+$. Furan is observed in a proton transfer mass spectrometer (PTR-MS) as ion m/z 69.033, consistent with formula $C_4H_4OH^+$. So the ion m/z 93.033 was correctly attributed a formula C_6H_4O, but was incorrectly called furan. As a consequence, in all the paper and in the Supplement, "furan" should be replaced by "unidentified compound with the formula C_6H_4O".

2. In the figures, hydroxyacetone was not attributed the correct formula. The protonated compound should be $C_3H_6O_2{\cdot}H^+$ instead of $C_2H_6{\cdot}H^+$. This typo was not made in the text.

3. On p. 2826, m/z 83.049 was associated in the text with methylfuran or MBO. However, MBO is associated with the ion m/z 87.080 and should not be mentioned here.

4. On p. 2833 in the text, methylfuran is wrongly attributed the formula C_5H_8O instead of C_5H_6O.

5. On p. 2833 in the text, the benzothiazole formula should be C_7H_5NS and not $C_7H_5N_S$.

6. On p. 2835 in the text, $C_{11}H_{22}O$ should be replaced by $C_{11}H_{22}O_2$.